

DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS

the specification of which:

_____ is attached hereto;

 X was filed on **September 9, 2003** as Application Serial No. **10/657,910** and amended on _____ (if applicable); or

_____ was filed as PCT international application No. _____,
on _____ and was amended under PCT Article 19
on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledged the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

<i>Number</i>	<i>Country</i>	<i>Filing Date</i>	<i>Status</i>	<i>Priority Claimed (Y/N)</i>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed

below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior US National Application(s) Application(s) and PCT Applications Designating the US:

<i>Number</i>	<i>Country</i>	<i>Filing Date</i>	<i>Status</i>	<i>Priority Claimed (Y/N)</i>
PCT/US03/07377	PCT	March 7, 2003	Pending	Y

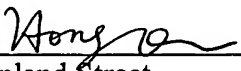
I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national filing date of this application.

Prior US Provisional Application(s):

<i>Number</i>	<i>Country</i>	<i>Filing Date</i>	<i>Status</i>	<i>Priority Claimed (Y/N)</i>
60/362,883	U.S.	March 8, 2002	Expired	Y
60/380,711	U.S.	May 14, 2002	Expired	Y

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Name:	Kenichi Chiba		
Signature:	<i>Kenichi Chiba</i>	Date:	<i>Apr. 21/2004</i>
Residence Address:	5-20-401 Oomachi Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Hong Du		
Signature:		Date:	4/22/04
Residence Address:	43 Upland Street North Andover, Massachusetts 01845	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Yoshihito Eguchi		
Signature:		Date:	
Residence Address:	233-38 Toyoshiki Kashiwa-shi, Chiba, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masanori Fujita		
Signature:		Date:	
Residence Address:	128-3-6 Hitachinonishi, Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

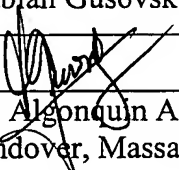
Name:	Masaki Goto		
Signature:		Date:	
Residence Address:	1141-21 Naka Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Hong Du		
Signature:		Date:	
Residence Address:	43 Upland Street North Andover, Massachusetts 01845	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Yoshihito Eguchi		
Signature:	<i>Yoshihito Eguchi</i>	Date:	<i>April 21, 2004</i>
Residence Address:	233-38 Toyoshiki Kashiwa-shi, Chiba, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masanori Fujita		
Signature:	<i>Masanori Fujita</i>	Date:	<i>April 22, 2004</i>
Residence Address:	128-3-6 Hitachinonishi, Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masaki Goto		
Signature:	<i>Masaki Goto</i>	Date:	<i>April 21, 2004</i>
Residence Address:	1141-21 Naka Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

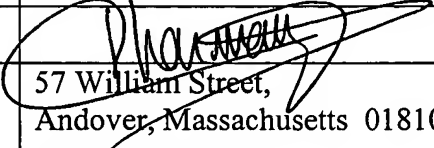
Name:	Fabian Gusovsky		
Signature:		Date:	4/27/04
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange		
Signature:		Date:	
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		

Name:	Atsushi Inoue		
Signature:		Date:	
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Megumi Kawada		
Signature:		Date:	
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Fabian Gusovsky		
Signature:		Date:	
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange		
Signature:		Date:	5/5/04
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		

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Name:	Jean-Christophe Harmange		
Signature:		Date:	
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		

Name:	Atsushi Inoue		
Signature:	<i>Atsushi Inoue</i>	Date:	<i>April 21, 2004</i>
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Megumi Kawada		
Signature:	<i>Megumi Kawada</i>	Date:	<i>April 21, 2004</i>
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Takatoshi Kawai		
Signature:	<i>Takatoshi Kawai</i>	Date:	Apr 21, 2004
Residence Address:	2-11-33 Higashi Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yoshiyuki Kawakami		
Signature:	<i>Yoshiyuki Kawakami</i>	Date:	April 21, 2004
Residence Address:	3-6-2 Tokodai, Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Akifumi Kimura		
Signature:	<i>Akifumi Kimura</i>	Date:	April 21, 2004
Residence Address:	7-2 Inarimae Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Makoto Kotake		
Signature:	<i>Makoto Kotake</i>	Date:	Apr. 21, 2004
Residence Address:	144-3-515 Abiko Abiko-shi, Chiba, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yoshikazu Kuboi		
Signature:	<i>Yoshikazu Kuboi</i>	Date:	<i>Apr. 21, 2004</i>
Residence Address:	2-13-14 A302 Matsushiro, Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Tomohiro Matsushima		
Signature:	<i>Tomohiro Matsushima</i>	Date:	<i>Apr. 21, 2004</i>
Residence Address:	10-2, Tagu 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yoshiharu Mizui		
Signature:	<i>Yoshiharu Mizui</i>	Date:	<i>Apr. 21, 2004</i>
Residence Address:	5-74 Ninomiya 4-Chome Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Kenzo Muramoto		
Signature:	<i>Kenzo Muramoto</i>	Date:	<i>Apr. 21, 2004</i>
Residence Address:	4-2-19 Ninomiya Tsukuba-shi, Ibaraki 305-0051, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		


Name:	Hideki Sakurai		
Signature:	<i>Hideki Sakurai</i>	Date:	<i>April 21, 2004</i>
Residence Address:	4-8-3 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

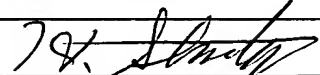
Name:	Yong-Chun Shen		
Signature:		Date:	
Residence Address:	21 Villa Roma Drive Tewksbury, Massachusetts 01876	Citizenship:	P.R. China
Correspondence Address:	Same as above		


Name:	Hiroshi Shirota		
Signature:		Date:	
Residence Address:	123 Winter Street Belmont, Massachusetts 02478	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Mark Spyvee		
Signature:		Date:	
Residence Address:	75 Laura Lane Hampstead, New Hampshire 03841	Citizenship:	United Kingdom
Correspondence Address:	Same as above		

Name:	Hideki Sakurai		
Signature:		Date:	
Residence Address:	4-8-3 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yong-Chun Shen		
Signature:		Date:	April 28, 2004
Residence Address:	21 Villa Roma Drive Tewksbury, Massachusetts 01876	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Hiroshi Shiota		
Signature:		Date:	4/27/04
Residence Address:	123 Winter Street Belmont, Massachusetts 02478	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Mark Spyvee		
Signature:		Date:	5/3/04
Residence Address:	75 Laura Lane Hampstead, New Hampshire 03841	Citizenship:	United Kingdom
Correspondence Address:	Same as above		

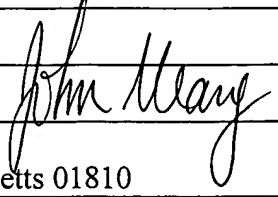
Name:	Isao Tanaka		
Signature:	<i>Isao Tanaka</i>	Date:	4/23/2004
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang		
Signature:		Date:	
Residence Address:	344 River Road Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Ray Wood		
Signature:		Date:	
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:	<i>Satoshi Yamamoto</i>	Date:	Apr. 21/2004
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Isao Tanaka		
Signature:		Date:	
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

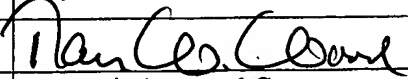
Name:	John (Yuan) Wang		
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Correspondence Address:	Same as above		

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Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang		
Signature:		Date:	
Residence Address:	344 River Road Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Ray Wood		
Signature:		Date:	4/28/04
Residence Address:	3504 Timberwood Court Raley North Carolina 27606 Raleigh, NC	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:		Date:	
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Naoki Yoneda		
Signature:	<i>Naoki Yoneda</i>	Date:	<i>April 22, 2004</i>
Residence Address:	1-906-306 Takezono Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		



ATTORNEY DOCKET NO.: 2003946-0056 (ANDI/CIP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chiba, *et al.* Examiner: NYA
Serial No.: 10/657,910 Art Unit: NYA
Filing Date: September 9, 2003
Title: MACROCYCLIC COMPOUNDS USEFUL AS
PHARMACEUTICALS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

APPOINTMENT OF ATTORNEY

The undersigned hereby appoints:


Attorney/Agent	Registration No.
Sam Pasternack, Ph.D.	29,576
Donald W. Muirhead	33,978
Brenda Herschbach Jarrell, Ph.D.	39,223
Anne. E. Saturnelli	41,290
Kevin Tormey	41,351
Elizabeth E. Nugent, Ph.D.	43,839
Theresa A. Devlin, Ph.D.	45,361
Valarie B. Rosen, Ph.D.	45,698
C. Hunter Baker, M.D., Ph.D.	46,533
Monica Gerber, M.D., Ph.D.	46,724
Elijah Cocks	47,499
Nadège M. Lagneau, Ph.D.	51,908
Charles Lyon, Ph.D.	Limited Recognition Under 37 CFR § 10.9(b)
Stacy Blasberg	52,625

as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

All correspondence should be sent to:

Patent Department
Choate, Hall & Stewart
Exchange Place, 53 State Street,
Boston, Massachusetts 02109

Respectfully submitted,



Name: Hiroshi Yoshino

Title: Director of Intellectual Property Department
On behalf of Eisai Co., Ltd.

Dated:



ATTORNEY DOCKET NO.: 2003946-0056 (ANDI/CIP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chiba, *et al.* Examiner: NYA
Serial No.: 10/657,910 Art Unit: NYA
Filing Date: September 9, 2003
Title: MACROCYCLIC COMPOUNDS USEFUL AS
PHARMACEUTICALS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION
(37 CFR § 3.73(b))

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

Inventor	Assignee
Kenichi Chiba	Eisai Co., Ltd.
Hong Du	Eisai Co., Ltd.
Yoshihito Eguchi	Eisai Co., Ltd.
Masanori Fujita	Eisai Co., Ltd.
Masaki Goto	Eisai Co., Ltd.
Fabian Gusovsky	Eisai Co., Ltd.
Jean-Christophe Harmange	Eisai Co., Ltd.
Atsushi Inoue	Eisai Co., Ltd.

Megumi Kawada	Eisai Co., Ltd.
Takatoshi Kawai	Eisai Co., Ltd.
Yoshiyuki Kawakami	Eisai Co., Ltd.
Akifumi Kimura	Eisai Co., Ltd.
Makoto Kotake	Eisai Co., Ltd.
Yoshikazu Kuboi	Eisai Co., Ltd.
Tomohiro Matsushima	Eisai Co., Ltd.
Yoshiharu Mizui	Eisai Co., Ltd.
Kenzo Muramoto	Eisai Co., Ltd.
Hideki Sakurai	Eisai Co., Ltd.
Yong-Chun Shen	Eisai Co., Ltd.
Hiroshi Shirota	Eisai Co., Ltd.
Mark Spyvee	Eisai Co., Ltd.
Isao Tanaka	Eisai Co., Ltd.
John (Yuan) Wang	Eisai Co., Ltd.
Ray Wood	Eisai Co., Ltd.
Satoshi Yamamoto	Eisai Co., Ltd.
Naoki Yoneda	Eisai Co., Ltd.

Thus, the Assignee of the inventors' entire right, title, and interest is:

Eisai Co., Ltd.

According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows:

___ documents already recorded in the PTO on _____.

Reel _____

Frame _____; and

X documents separately submitted for recordal to the PTO (a copy of these documents is attached).

STATEMENT

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

Name/Title	Assignee	Date
Signature: <u>Hiroshi Yoshino</u> Name: <u>Hiroshi Yoshino</u> Title: <u>Director of Intellectual</u>	Eisai Co., Ltd. 6-10, Koishikawa 4-Chome Bunkyo-ku Tokyo 112-8088 Japan	April 22, 2004

Property Department

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Kenichi CHIBA** of Tsuchiura-shi, Ibaraki, Japan; **Yoshihito EGUCHI** of Kashiwa-shi, Chiba, Ibaraki, Japan; **Masanori FUJITA** of Ushiku-shi, Ibaraki, Japan; **Masaki GOTO** of Tsuchiura-shi, Ibaraki, Japan; **Atsushi INOUE**, of Tsukuba-shi, Ibaraki, Japan; **Megumi KAWADA** of Ushiku-shi, Ibaraki, Japan; **Takatoshi KAWAI** of Tsukuba-shi, Ibaraki, Japan; **Yoshiyuki KAWAKAMI**, of Tsukuba-shi, Ibaraki, Japan; **Akifumi KIMURA**, of Tsukuba-shi, Ibaraki, Japan; **Makoto KOTAKE**, of Abiko-shi, Chiba, Japan; **Yoshikazu KUBOI**, of Tsukuba-shi, Ibaraki, Japan; **Tomohiro MATSUSHIMA**, of Ushiku-shi, Ibaraki, Japan; **Yoshiharu MIZUI**, of Tsukuba-shi, Ibaraki, Japan; **Kenzo MURAMOTO**, of Tsukuba-shi, Ibaraki 305-0051, Japan; **Hideki SAKURAI**, of Tsukuba-shi, Ibaraki, Japan; **Isao TANAKA**, of Tsukuba-shi, Ibaraki, Japan; **Satoshi YAMAMOTO**, of Moriya-shi, Ibaraki, Japan; **Naoki YONEDA**, of Tsukuba-shi, Ibaraki, Japan, hereby

Sells, assigns and transfers to **Eisai Co., Ltd.**, having a place of business at 6-10, **Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS**" filed **September 9, 2003**, and given U.S. Serial No. **10/657,910**, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 21 day of April, 2004.

Kenichi Chiba
Name: **Kenichi CHIBA**

Witness:
Yuko Ueno
Name: **Yuko UENO**

Date:
April 21, 2004

Witness:
Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:
April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 21 day of April, 2004.

Yoshihito Eguchi
Name: **Yoshihito EGUCHI**

Witness:
Yuko Ueno
Name: **Yuko UENO**

Date:
April 21, 2004

Witness:
Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:
April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 21 day of April, 2004

Masanori Fujita
Name: **Masanori FUJITA**

Witness:

Yuko Ueno
Name: **Yuko UENO**

Date:

April 21, 2004

Witness:

Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:

April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 21 day of April, 2004

Masaki Goto
Name: **Masaki GOTO**

Witness:

Yuko Ueno
Name: **Yuko UENO**

Date:

April 21, 2004

Witness:

Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:

April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba - shi,
IBARAKI, Japan this 21 day of April, 2004

Atsushi Inoue
Name: **Atsushi INOUE**

Witness:

Yuko Ueno
Name: **Yuko UENO**

Date:

April 21, 2004

Witness:

Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:

April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba - shi,
IBARAKI, Japan this 21 day of April, 2004

Megumi Kawada
Name: **Megumi KAWADA**

Witness:

Yuko Ueno
Name: **Yuko UENO**

Date:

April 21, 2004

Witness:

Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:

April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Takatoshi Kawai
Name: **Takatoshi KAWAI**

Witness:

Yuko Ueno
Name: **Yuko UENO**

Date:

April 21, 2004

Witness:

Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:

April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Yoshiyuki Kawakami
Name: **Yoshiyuki KAWAKAMI**

Witness:

Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:

April 21, 2004

Witness:

Yuko Ueno
Name: **Yuko UENO**

Date:

April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Akifumi Kimura
Name: **Akifumi KIMURA**

Witness:
Yuko Ueno
Name: **Yuko UENO**

Date:
April 21, 2004

Witness:
Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:
April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Makoto Kotake
Name: **Makoto KOTAKE**

Witness:
Yuko Ueno
Name: **Yuko UENO**

Date:
April 21, 2004

Witness:
Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date:
April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Yoshikazu Kuboi
Name: **Yoshikazu KUBOI**

Witness: Yuko Ueno
Name: **Yuko UENO**

Date: April 21, 2004

Witness: Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date: April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Tomohiro Matsushima
Name: **Tomohiro MATSUSHIMA**

Witness: Yuko Ueno
Name: **Yuko UENO**

Date: April 21, 2004

Witness: Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date: April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 21 day of April, 2004

Yoshiharu Mizui
Name: **Yoshiharu MIZUI**

Witness: Yuko Ueno
Name: **Yuko UENO**

Date: April 21, 2004

Witness: Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date: April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki / Japan this 21 day of April, 2004

Kenzo Muramoto
Name: **Kenzo MURAMOTO**

Witness: Yuko Ueno
Name: **Yuko UENO**

Date: April 21, 2004

Witness: Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date: April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 21 day of April, 2004

Hideki Sakurai
Name: **Hideki SAKURAI**

Witness: Yuko Ueno
Name: **Yuko UENO**

Date: April 21, 2004

Witness: Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date: April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
Ibaraki, Japan this 23th day of April, 2004

Isao Tanaka
Name: **Isao TANAKA**

Witness: Yuko Ueno
Name: **Yuko UENO**

Date: April 21, 2004

Witness: Mayumi Kameshita
Name: **Mayumi KAMESHITA**

Date: April 23, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 21 day of April, 2004

Satoshi Yamamoto
Name: Satoshi YAMAMOTO

Witness:
Yuko Ueno
Name: Yuko UENO

Date:
April 21, 2004

Witness:
Mayumi Kameshita
Name: Mayumi KAMESHITA

Date:
April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at Tsukuba-shi,
IBARAKI, Japan this 22 day of April, 2004

Naoki Yoneda
Name: Naoki YONEDA

Witness:
Yuko Ueno
Name: Yuko UENO

Date:
April 21, 2004

Witness:
Mayumi Kameshita
Name: 850 [知財] 電下 ^{Apr. 22, 2004 and}

Date:
April 22, 2004

Mayumi KAMESHITA

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Hong DU** of North Andover, Massachusetts; **Fabian GUSOVSKY** of Andover, Massachusetts; **Jean-Christophe HARMANGE** of Andover, Massachusetts; **Yong-Chun SHEN** of Tewksbury, Massachusetts; **Hiroshi SHIROTA** of Belmont, Massachusetts; **Mark SPYVEE** of Hampstead, New Hampshire; **John (Yuan) WANG** of Andover, Massachusetts; and **Ray WOOD** of Raley, North Carolina hereby

Sells, assigns and transfers to **Eisai Co., Ltd.**, having a place of business at 6-10, **Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS**" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

IN WITNESS WHEREOF, I hereto set my hand and seal at 100 Research Dr.
Wilmington, Ma. this 29th day of April, 2004.

Hong DU
Name: Hong DU

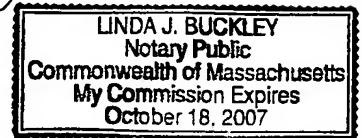
STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 29th day of April, 2004, personally appeared
Hong DU known to me to be the person whose name is subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

Linda J. Buckley
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



IN WITNESS WHEREOF, I hereto set my hand and seal at 100 Research Dr.
Wilmington, Ma this 27th day of April, 2004.

Fabian GUSOVSKY
Name: Fabian GUSOVSKY

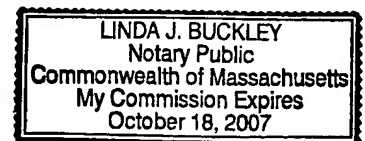
STATE OF Massachusetts
COUNTY OF Middlesex SS.

Before me this 27th day of April, 2004, personally appeared
Fabian GUSOVSKY known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Linda J. Buckley
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 2004.

Name: **Jean-Christophe HARMANGE**

STATE OF _____
SS.
COUNTY OF _____

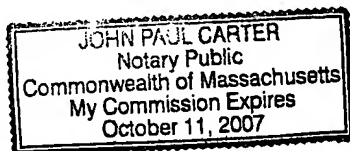
Before me this _____ day of _____, 2004, personally appeared
Jean-Christophe HARMANGE known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

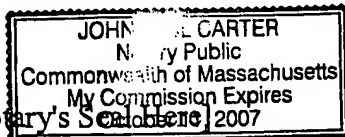
IN WITNESS WHEREOF, I hereto set my hand and seal at Andover
MA this 28 day of April, 2004.



Yong-Chun Shen
Name: **Yong-Chun SHEN**

STATE OF MASS
SS.
COUNTY OF Essex

Before me this 28 day of April, 2004, personally appeared
Yong-Chun SHEN known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.



[Notary's Seal Here]

NOTARY PUBLIC

My Commission Expires:

Oct 11, 2007

IN WITNESS WHEREOF, I hereto set my hand and seal at 100 Research Dr.,
Wilmington, Ma this 27th day of April, 2004.

H. Shiota
Name: **Hiroshi SHIROTA**

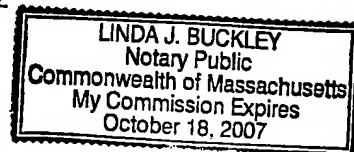
STATE OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 27th day of April, 2004, personally appeared
Hiroshi SHIROTA known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Linda J. Buckley
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



IN WITNESS WHEREOF, I hereto set my hand and seal at 100 Research Dr.,
Wilmington, Ma this 27th day of April, 2004.

Mark Spivee
Name: **Mark SPYVEE**

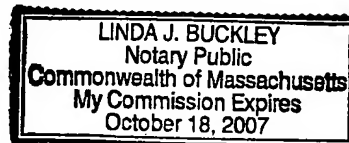
STATE OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 27th day of April, 2004, personally appeared
Mark SPYVEE known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

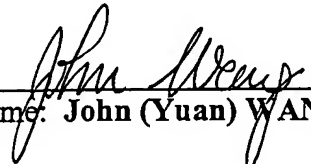
NOTARY PUBLIC

Linda J. Buckley
My Commission Expires:

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at 100 Research Drive Wilmington
MA 01887 this 27th day of April, 2004.

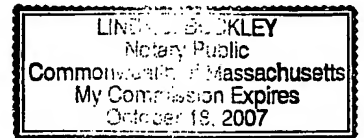

Name: **John (Yuan) WANG**

STATE OF MA
COUNTY OF Middlesex SS.

Before me this 27th day of April, 2004, personally appeared
John (Yuan) WANG known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

My Commission Expires:



[Notary's Seal Here]


My Commission Expires Oct. 19, 2007

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 20____.

Name: **Ray WOOD**

STATE OF _____
COUNTY OF _____ SS.

Before me this _____ day of _____, 2004, personally appeared
Ray WOOD known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 20____.

Name: **John (Yuan) WANG**

STATE OF _____
SS.
COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
John (Yuan) WANG known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Eisai Inc; 900 Davis Dr.
RTP, NC 27709 this 19th day of April, 2004.


Name: **Ray WOOD**

STATE OF North Carolina
SS.
COUNTY OF Orange

Before me this 19th day of April, 2004, personally appeared
Ray WOOD known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: 10/16/2006

COPY

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Hong DU** of North Andover, Massachusetts; **Fabian GUSOVSKY** of Andover, Massachusetts; **Jean-Christophe HARMANGE** of Andover, Massachusetts; **Yong-Chun SHEN** of Tewksbury, Massachusetts; **Hiroshi SHIROTA** of Belmont, Massachusetts; **Mark SPYVEE** of Hampstead, New Hampshire; **John (Yuan) WANG** of Andover, Massachusetts; and **Ray WOOD** of Raley, North Carolina hereby

Sells, assigns and transfers to **Eisai Co., Ltd.**, having a place of business at **6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS**" filed **September 9, 2003**, and given U.S. Serial No. **10/657,910**, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 2004.

Name: **Hong DU**

STATE OF _____
SS.
COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
Hong DU known to me to be the person whose name is subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 2004.

Name: **Fabian GUSOVSKY**

STATE OF _____
SS.
COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
Fabian GUSOVSKY known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.


NOTARY PUBLIC

[Notary's Seal Here]

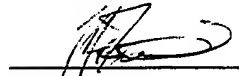
My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,

MA this 5 day of May, 2004


Name: **Jean-Christophe HARMANGE**

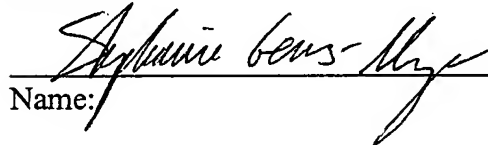
Witness:


Name: _____

Date:

5/5/04

Witness:


Name: _____

Date:

5/5/04

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

_____ this _____ day of _____, 2004.

Name: **Yong-Chun SHEN**

STATE OF _____
SS.

COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared **Yong-Chun SHEN** known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 2004.

Name: **Hiroshi SHIROTA**

STATE OF _____
SS.
COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
Hiroshi SHIROTA known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 2004.

Name: **Mark SPYVEE**

STATE OF _____
SS.
COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
Mark SPYVEE known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

_____ this _____ day of _____, 20____.

Name: **John (Yuan) WANG**

STATE OF _____
SS.

COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
John (Yuan) WANG known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
_____ this _____ day of _____, 20____.

Name: **Ray WOOD**

STATE OF _____
SS.

COUNTY OF _____

Before me this _____ day of _____, 2004, personally appeared
Ray WOOD known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: